(c) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS, THE MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS AND THE MINISTER OF STATE IN THE MINISTRY OF PLANNING AND PROGRAMME IMPLEMENTATION (SHRI RAM NAIK): (a) and (b) Yes, Sir. A Biomass Gasifiers Demonstration Programme (BGDP) is being implemented in all States and Union Territories, including Gujarat. The BGDP provides for financial incentives varying according to different ratings and applications for installation of biomass gasifiers, preparation of details project reports for village electrification purpose and service charges to State nodal agencies.

(c) A total of 167 biomass gasifier systems has been installed so far in Gujarat for thermal, mechanical and electrical applications as per district-wise details given below:

District	Number of biomass gasifiers installed
Ahmedabad	9
Amreli	13
Baroda	25
Bharuch	14
Bhavnagar	1
Jamnagar	2
Junagarh	9
Kheda	9
Kutch	7
Mehsana	6
Panchmahal	1
Porbander	1
Rajkot	7
Surat	15
Surendranagar	17
Valsad	31
Total	167

A total of about 45 lakh kilowatt hours equivalent is estimated to be generated per annum at present by the gasifier systems in use in different districts in the State.

(d) and (e) Yes Sir. All States and nodal agencies, including Gujarat Energy Development Agency, Vadodara have been requested to develop and send viable proposals for installation of biomass gasifiers during 1998-99 for sanctioning under BGDP. Besides, a 500 KW grid connected biomass gasifier system is being installed in the Kutch region for research and demonstration purpose under a separate scheme.

Energy Park and Urjagram Projects

2525. SHRI AHMED PATEL: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Government are implementing Energy Park Porject (EPP) and Urjagram Projects (UP) under Integrated Rural Energy Programme in the country;

(b) if so, what are the salient features of each of these programmes;

(c) how many EPP and UP are functioning at present in Gujarat, district-wise;

(d) whether Government propose to increase their number in the State during the Ninth Five Year Plna period; and

(e) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS, THE MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS AND THE MINISTER OF STATE IN THE MINISTRY OF PLANNING AND PROGRAMME IMPLEMENTATION (SHRI RAM NAIK): (a) and (b) Yes, Sir. The Government are implementing the Energy Park Scheme and the Urjagram Projects. While the Energy Park Scheme is being implemented as a separate scheme under

Special Area Demonstration Programme the Urjagram Programme is being implemented in coordination with Integrated Rural Energy Programme. The salient features of the Energy Park Scheme include creation of awareness among the people about the use of renewable energy technologies through setting up of Energy Parks in educational institutions and institutions where there is large inflow of public. The energy Park Scheme is being implemented through State Government Nodal Agencies dealing with the renewable energy. The Urjagram involves meeting energy needs of a village through various renewable energy devices which include biogas, improved chulhas, solar pumps, solar photovoltaic domestic lights, solar cookers among others.

(c) Three Energy Park Projects are functioning at present in the State of Gujarat. Thirty Three Urjagram Projects have been implemented by the State Govt. Nodal Agency (GEDA). These Urjagram Projects were maintained by GEDA for three years after which these were handed over to the respective villages.The distret-wise locations of Energy Park Projects and Urjagram Projects are given in the Statement-I and Statement-II respectively. (*See* below).

(d) and (e) As per guidelines of Energy Park Scheme, a maximum of ten energy park projects can be sanctioned per State. Three energy park projects have so far been sanctioned in Gujarat. The Ministry may consider sanctioning additional energy parks as per guidelines in Gujarat during the Ninth Plan, provided the State Govt. Nodal Agency submits suitable proposals. The Urjagram programme is proposed to be implemented during the Ninth Plan as part of IREP in the States, including Gujarat.

Statement-I

District-wise break-up of Energy Park Projects sanctioned in the State of Gujarat

S.No.	Name of Institution	District
1.	Lok Bharati Gram Vidyapith, Sanosara	Bhavnagar
2.	Mechanical Engg. Deptt. Faculty of Technology & Engineering, MS University, Baroda	Vadodara
3.	College of Agricultural Engg. & Technology, Gujarat Agricultural University, Junagadh.	Junagadh

Statement-II

District-wise break-up of Urjagram Projects sanctioned in the State of Gujarat

S.No.	Name of the Village	District
1.	Khandia	Vadodara
2.	Tikar-Rann	Surendranagar
3.	Malu	Panchmahal
4.	Rapar Gadhwali	Kutch
5.	Ugata	Valsad
6.	Mahal	Ahwa Dang
7.	Kalyanpura	Kheda
8.	Bhimpore	Surat
9.	Zarwani	Bharuch
10.	Vagudad Mota	Jamnagar
11.	Ratanpur	Vdodara
12.	Vav Kampa	Sabarkantha
13.	Sajapur	Sabarkantha
14.	Antiness	Junagadh

S.No.	Name of the Village	District
15.	Ruppura	Banaskantha
16.	Patapur	Junagadh
17.	Ratanpur	Ahmedabad
18.	Popada	Surat
19.	Chorvira	Surendranagar
20.	Tankvasna	Mahesana
21.	Shialbet	Amreli
22.	Rati Devdi	Rajkot
23.	Randesan	Gandhi Nagar
24.	Maithan	Mahesana
25.	Bhemapur	Sabarkantha
26.	Achhala	Panchmahal
27.	Pinglaj	Kheda
28.	Dhabal	Sabarkantha
29.	Naip	Bhavnagar
30.	Mordevi	Surat
31.	Raliati Gurjar	Panchamahal
32.	Ratanmahal	Panchamahal
33.	Pipaldi	Vadodara

Survey on Ocean Life in Indian Seas

2526. SHRI MALTI SHARMA: Will the PRIME MINISTER be pleased to state:

(a) whether Government's attention has been drawn to the news-item captioned "Scientists say ocean life is in trouble" which appeared in the Sunday Times of India (Mumbai), dated 11th January, 1998;

(b) if so, whether Government have conducted any survey in respect of ocean life in the Indian Seas;

(c) if so, the findings of the survey and action taken thereon; and

(d) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND THE MINISTER OF STATE IN THE MINISTRY OF FINANCE (SHRI R. JANARTHANAM): (a) Yes, Sir. The news item which appeared in the Sunday Times of India dated 11th January'98 focuses on the global trend in the declining fish catches without any specific reference to India and the steps suggested by the scientists to combat the threat to marine life.

(b) Yest, Sir.

(c) The Major findings of these survey and the action taken theron include:

(i) Based on the data generated by the Fishery Survey of India under the Ministry of Agriculture, the potential finfish/shellfish yield of the Indian Exclusive Economic Zone (EEZ) has been estimated as 3.92 million tonnes and the present production is of the order of 2.7 million tonnes per annum. It has been reported that the overall marine fish production in the country is on the increase.

(ii) In order to assess the health of the seas, the Department is implementing a Coastal Ocean Monitoring and Preduction System (COMAPS) programme, under which pollution parameters are closely monitored and the data obtained are passed on to the Pollution Control Boards for initiating mitigatory measures.

(iii) In order to reduce the fishing efforts in the coastal areas within the territorial waters and to protect the interests of the traditional fishermen and to conserve the fish stock, some of the coastal State Governments have promulgated Marine Fishing Regulation Act.

(iv) Formulation of Coastal Zone Management Plans which will contribute to integration of the coastal activities with a view to control the pollution and improve the coastal environment.

(v) Based on the studies conduted by the National Institute of Oceanography under Council of Scientific & Industrial Research, the State Governments have been advised to protect some of the critical habitats at a few places along the coast line particularly